

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2314754	<b>FOR FURTHER ACTION</b>	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. <b>PCT/AU00/00844</b>	International filing date ( <i>day/month/year</i> ) <b>13 July 2000</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>14 July 1999</b>
Applicant <b>ORICA AUSTRALIA PTY LIMITED et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the international Bureau.

This international search report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2.  **Certain claims were found unsearchable** (See Box I).

3.  **Unity of invention is lacking** (See Box II).

4. With regard to the title,  the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,  the text is approved as submitted by the applicant

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

as suggested by the applicant.

None of the figures

because the applicant failed to suggest a figure

because this figure better characterizes the invention

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU00/00844

**A. CLASSIFICATION OF SUBJECT MATTER**Int. Cl.<sup>7</sup>: C08F 2/22, 265/06, 2/24

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC: C08F 2/-, 265/-

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPAT

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5266646 A (EISENHART et al.) 30 November 1993 Examples Whole document	26 1-30
X	EP 161104 A (MITSUI TOATSU CHEMICALS, INCORPORATED) 13 November 1985 whole document, especially page 3 lines 13-19	1-30
X A	US 5480934 A (MESSNER et al.) 2 January 1996 Whole document Whole document	26 1-30

Further documents are listed in the continuation of Box C     See patent family annex

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search <b>23 August 2000</b>	Date of mailing of the international search report <b>30 AUG 2000</b>
--	--

Name and mailing address of the ISA/AU <b>AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929</b>	Authorized officer <b>GAYE HOROBIN Telephone No : (02) 6283 2069</b>
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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU00/00844

Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 979833 A (NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION) 16 February 2000 Whole document	1-30
A	US 5229209 A (GHARAPETIAN et al.) 20 July 1993 Whole document	1-30
A	WO 97/08212 A (LG CHEMICALS LTD.) 6 March 1997 Whole document	1-30

INTERNATIONAL SEARCH REPORT  
Information on patent family members

International application No.  
PCT/AU00/00844

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	5266646	AU	54975/90	BR	9002257	CA	2015832
		CN	1047322	EP	398576	FI	902402
		HK	1724/95	JP	3072511	NO	902063
		NZ	233653	TR	24993	ZA	9003607
EP	161104	JP	60233182				
US	5480934	CA	2123460	DE	4316200	EP	624617
		JP	7070214				
EP	979833	AU	42357/99	JP	2000136303		
US	5229209	AU	72613/91	CA	2038258	EP	451940
		FI	911544	GB	9007199	GB	2242437
		JP	4224803	ZA	9101604		
WO	9708212	EP	847405	CN	1194652		

END OF ANNEX

## PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:

DAVIES COLLISON CAVE  
1 Little Collins Street  
MELBOURNE VIC 3000

## PCT

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT  
OR THE DECLARATION

(PCT Rule 44.1)

Res. due 14.11.00

Applicant's or agent's file reference 2314754	Date of mailing (day/month/year) <b>30 AUG 2000</b>
International application No. <b>PCT/AU00/00844</b>	FOR FURTHER ACTION See paragraphs 1 and 4 below
Applicant <b>ORICA AUSTRALIA PTY LIMITED et al</b>	International filing date 13 July 2000

1.  The applicant is hereby notified that the international search report has been established and is transmitted herewith

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland  
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2.  The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3.  With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

- the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau.

If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the ISA/AU  AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer  <b>GAYE HOROBIN</b> Telephone No. (02) 6283 2069
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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

REC'D 10 JUL 2001  
14

WIPO PCT

Applicant's or agent's file reference 2314754	<b>FOR FURTHER ACTION</b>	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International Application No. <b>PCT/AU00/00844</b>	International Filing Date ( <i>day/month/year</i> ) 13 July 2000	Priority Date ( <i>day/month/year</i> ) 14 July 1999
International Patent Classification (IPC) or national classification and IPC <b>Int. Cl. 7 C08F 2/22, 265/06, 2/24</b>		
Applicant <b>ORICA AUSTRALIA PTY LIMITED et al</b>		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.																
2. This REPORT consists of a total of 3 sheets, including this cover sheet. <input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of sheet(s).																
3. This report contains indications relating to the following items: <table> <tr> <td>I</td> <td><input checked="" type="checkbox"/> Basis of the report</td> </tr> <tr> <td>II</td> <td><input type="checkbox"/> Priority</td> </tr> <tr> <td>III</td> <td><input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td>IV</td> <td><input type="checkbox"/> Lack of unity of invention</td> </tr> <tr> <td>V</td> <td><input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td>VI</td> <td><input type="checkbox"/> Certain documents cited</td> </tr> <tr> <td>VII</td> <td><input type="checkbox"/> Certain defects in the international application</td> </tr> <tr> <td>VIII</td> <td><input type="checkbox"/> Certain observations on the international application</td> </tr> </table>	I	<input checked="" type="checkbox"/> Basis of the report	II	<input type="checkbox"/> Priority	III	<input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	IV	<input type="checkbox"/> Lack of unity of invention	V	<input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	VI	<input type="checkbox"/> Certain documents cited	VII	<input type="checkbox"/> Certain defects in the international application	VIII	<input type="checkbox"/> Certain observations on the international application
I	<input checked="" type="checkbox"/> Basis of the report															
II	<input type="checkbox"/> Priority															
III	<input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability															
IV	<input type="checkbox"/> Lack of unity of invention															
V	<input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement															
VI	<input type="checkbox"/> Certain documents cited															
VII	<input type="checkbox"/> Certain defects in the international application															
VIII	<input type="checkbox"/> Certain observations on the international application															

Date of submission of the demand 25 January 2001	Date of completion of the report 4 July 2001
Name and mailing address of the IPEA/AU  AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer  <b>GAYE HOROBIN</b> Telephone No. (02) 6283 2069

**I. Basis of the report**

## 1. With regard to the elements of the international application:\*

- the international application as originally filed.
- the description,      pages , as originally filed,  
                              pages , filed with the demand,  
                              pages , received on with the letter of
- the claims,      pages , as originally filed,  
                              pages , as amended (together with any statement) under Article 19,  
                              pages , filed with the demand,  
                              pages , received on with the letter of
- the drawings,      pages , as originally filed,  
                              pages , filed with the demand,  
                              pages , received on with the letter of
- the sequence listing part of the description:  
                              pages , as originally filed  
                              pages , filed with the demand  
                              pages , received on with the letter of

## 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

- the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

4.  The amendments have resulted in the cancellation of:

- the description,      pages
- the claims,          Nos.
- the drawings,        sheets/fig.

5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/AU00/00844

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims 1-25, 27-30	YES
	Claims 26	NO
Inventive step (IS)	Claims 1-25, 27-30	YES
	Claims 26	NO
Industrial applicability (IA)	Claims 1-30	YES
	Claims	NO

**2. Citations and explanations (Rule 70.7)**NOVELTY(N) Claim26

Claim 26 cannot be considered to be novel when compared to the disclosure of US 5,266,646 or US 5,480,934. There is no restriction in claim 26 which would require the dispersion to be made by the process defined in claim 1 and so the attorney's comment that the citations do not make reference to the cloud point of the monomer is not relevant. The dispersions disclosed in the citations clearly fall within the scope of those defined by the claim.-

**CORRECTED VERSION  
PATENT COOPERATION TREATY**

18 JULY 18 JUL 2001

From the:  
**INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY**

To:

DAVIES COLLISON CAVE  
1 Little Collins Street  
MELBOURNE VIC 3000

**PCT**

**NOTIFICATION OF TRANSMITTAL OF  
INTERNATIONAL PRELIMINARY EXAMINATION  
REPORT**

(PCT Rule 71.1)

Date of mailing  
day/month/year

**18 JUL 2001**

Applicant's or agent's file reference

2314754

*JCC*

**IMPORTANT NOTIFICATION**

International Application No.

**PCT/AU00/00844**

International Filing Date

13 July 2000

Priority Date

14 July 1999

Applicant

ORICA AUSTRALIA PTY LIMITED et al

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translations to those Offices.

**REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide

Name and mailing address of the IPEA/AU

AUSTRALIAN PATENT OFFICE  
PO BOX 200, WODEN ACT 2606, AUSTRALIA  
E-mail address: [pct@ipaaustralia.gov.au](mailto:pct@ipaaustralia.gov.au)  
Facsimile No. (02) 6285 3929

Authorized officer

GAYE HOROBIN  
Telephone No. (02) 6283 2069

**CORRECTED VERSION**

## PATENT COOPERATION TREATY

CORRECTED VERSION

## PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 2314754	<b>FOR FURTHER ACTION</b>	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416).
International Application No. <b>PCT/AU00/00844</b>	International Filing Date ( <i>day/month/year</i> ) <b>13 July 2000</b>	Priority Date ( <i>day/month/year</i> ) <b>14 July 1999</b>
International Patent Classification (IPC) or national classification and IPC <b>Int. Cl. 7 C08F 2/22, 265/06, 2/24</b>		
Applicant <b>ORICA AUSTRALIA PTY LIMITED et al</b>		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheet(s).

3. This report contains indications relating to the following items:

- I  Basis of the report
- II  Priority
- III  Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV  Lack of unity of invention
- V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI  Certain documents cited
- VII  Certain defects in the international application
- VIII  Certain observations on the international application

Date of submission of the demand <b>25 January 2001</b>	Date of completion of the report <b>4 July 2001</b>
Name and mailing address of the IPEA/AU  AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized Officer  <b>GAYE HOROBIN</b> Telephone No. (02) 6283 2069

**CORRECTED VERSION**  
INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/AU00/00844

**I. Basis of the report**

1. With regard to the elements of the international application:\*

- the international application as originally filed.
- the description,      pages , as originally filed,  
                              pages , filed with the demand,  
                              pages , received on    with the letter of  
 the claims,      pages , as originally filed,  
                              pages , as amended (together with any statement) under Article 19,  
                              pages , filed with the demand,  
                              pages , received on    with the letter of  
 the drawings,      pages , as originally filed,  
                              pages , filed with the demand,  
                              pages , received on    with the letter of  
 the sequence listing part of the description:  
                              pages , as originally filed  
                              pages , filed with the demand  
                              pages , received on    with the letter of

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language which is:

- the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).  
 the language of publication of the international application (under Rule 48.3(b)).  
 the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

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 The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.  
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4.  The amendments have resulted in the cancellation of:

- the description,      pages  
 the claims,          Nos.  
 the drawings,        sheets/fig.

5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report

**CORRECTED VERSION**

**CORRECTED VERSION**

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/AU00/00844

**V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims 1-25, 27-30	YES
	Claims 26	NO
Inventive step (IS)	Claims 1-25, 27-30	YES
	Claims 26	NO
Industrial applicability (IA)	Claims 1-30	YES
	Claims	NO

**2. Citations and explanations (Rule 70.7)**NOVELTY(N) Claim26

Claim 26 cannot be considered to be novel when compared to the disclosure of US 5,266,646 or US 5,480,934. There is no restriction in claim 26 which would require the dispersion to be made by the process defined in claim 1 and so the attorney's comment that the citations do not make reference to the cloud point of the monomer is not relevant. The dispersions disclosed in the citations clearly fall within the scope of those defined by the claim.-

**PCT REQUEST**

1/5

2314754/MJC

Original (for SUBMISSION) - printed on 13.07.2000 11:28:24 AM

0 0-1	For receiving Office use only International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4 0-4-1	Form - PCT/RO/101 PCT Request Prepared using	<b>PCT-EASY Version 2.91 (updated 01.07.2000)</b>
0-5	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	<b>Australian Patent Office (RO/AU)</b>
0-7	Applicant's or agent's file reference	<b>2314754/MJC</b>
I	Title of Invention	<b>AQUEOUS POLYMER DISPERSION</b>
II	Applicant	
II-1	This person is:	<b>applicant only</b>
II-2	Applicant for	<b>all designated States except US</b>
II-4	Name	<b>ORICA AUSTRALIA PTY LIMITED</b>
II-5	Address:	<b>1 Nicholson Street Melbourne, Victoria 3000 Australia</b>
II-6	State of nationality	<b>AU</b>
II-7	State of residence	<b>AU</b>
II-8	Telephone No.	<b>+613 9665 7111</b>
II-9	Facsimile No.	<b>+613 9665 7573</b>
III-1	Applicant and/or inventor	
III-1-1	This person is:	<b>applicant and inventor</b>
III-1-2	Applicant for	<b>US only</b>
III-1-4	Name (LAST, First)	<b>LEARY, Bruce</b>
III-1-5	Address:	<b>6E/9 Beach Road Port Melbourne, Victoria 3207 Australia</b>
III-1-6	State of nationality	<b>AU</b>
III-1-7	State of residence	<b>AU</b>

**PCT REQUEST**

Original (for SUBMISSION) - printed on 13.07.2000 11:28:24 AM

III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	<b>applicant and inventor</b>
III-2-2	Applicant for	<b>US only</b>
III-2-4	Name (LAST, First)	<b>HOULIHAN, Patrick, William</b>
III-2-5	Address:	<b>14 Bent Street Greenwich, New South Wales 2065 Australia</b>
III-2-6	State of nationality	<b>AU</b>
III-2-7	State of residence	<b>AU</b>
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	<b>applicant and inventor</b>
III-3-2	Applicant for	<b>US only</b>
III-3-4	Name (LAST, First)	<b>SUCH, Christopher, Henry</b>
III-3-5	Address:	<b>3 Cassiobury Avenue Mount Eliza, Victoria 3930 Australia</b>
III-3-6	State of nationality	<b>GB</b>
III-3-7	State of residence	<b>AU</b>
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	<b>applicant and inventor</b>
III-4-2	Applicant for	<b>US only</b>
III-4-4	Name (LAST, First)	<b>CAREY, Michelle, Jocelyn</b>
III-4-5	Address:	<b>2/14 Newry Street Prahran, Victoria 3181 Australia</b>
III-4-6	State of nationality	<b>AU</b>
III-4-7	State of residence	<b>AU</b>
III-5	<b>Applicant and/or inventor</b>	
III-5-1	This person is:	<b>applicant and inventor</b>
III-5-2	Applicant for	<b>US only</b>
III-5-4	Name (LAST, First)	<b>CARR, Matthew, William</b>
III-5-5	Address:	<b>6/1 The Avenue Prahran, Victoria 3181 Australia</b>
III-5-6	State of nationality	<b>GB</b>
III-5-7	State of residence	<b>AU</b>
III-6	<b>Applicant and/or inventor</b>	
III-6-1	This person is:	<b>applicant and inventor</b>
III-6-2	Applicant for	<b>US only</b>
III-6-4	Name (LAST, First)	<b>WEERASINGHE, Thamala, C.</b>
III-6-5	Address:	<b>39 The Promenade Narre Warren, Victoria 3805 Australia</b>
III-6-6	State of nationality	<b>LK</b>
III-6-7	State of residence	<b>AU</b>

**PCT REQUEST**

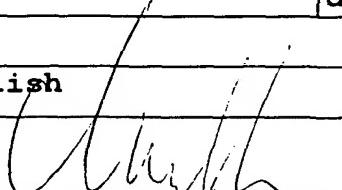
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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: Name (LAST, First)	agent  CAINE, Michael, James
IV-1-2	Address:	DAVIES COLLISON CAVE 1 Little Collins Street Melbourne, Victoria 3000 Australia
IV-1-3	Telephone No.	+613 9254 2777
IV-1-4	Facsimile No.	+613 9254 2770
IV-1-5	e-mail	mail@davies.com.au
IV-2	Additional agent(s)	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	HUNTSMAN, Peter, Harold; SLATTERY, John, Michael
V	<b>Designation of States</b>	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

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2314754/MJC

V-5	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.		
V-6	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>	
VI-1	<b>Priority claim of earlier national application</b>		
VI-1-1	Filing date	<b>14 July 1999 (14.07.1999)</b>	
VI-1-2	Number	<b>PQ1642</b>	
VI-1-3	Country	<b>AU</b>	
VI-2	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	<b>VI-1</b>	
VII-1	<b>International Searching Authority Chosen</b>	<b>Australian Patent Office (ISA/AU)</b>	
VIII	<b>Check list</b>	number of sheets	electronic file(s) attached
VIII-1	Request	<b>5</b>	-
VIII-2	Description	<b>47</b>	-
VIII-3	Claims	<b>4</b>	-
VIII-4	Abstract	<b>1</b>	<b>2314754.txt</b>
VIII-5	Drawings	<b>0</b>	-
VIII-7	<b>TOTAL</b>	<b>57</b>	
VIII-8	<b>Accompanying items</b>	paper document(s) attached	electronic file(s) attached
VIII-16	Fee calculation sheet PCT-EASY diskette	✓ -	- <b>diskette</b>
VIII-18	<b>Figure of the drawings which should accompany the abstract</b>		
VIII-19	<b>Language of filing of the international application</b>	<b>English</b>	
IX-1	<b>Signature of applicant or agent</b>		
IX-1-1	Name (LAST, First)	<b>CAINE, Michael, James</b>	

**FOR RECEIVING OFFICE USE ONLY**

10-1	Date of actual receipt of the purported international application	
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10-2	Drawings: Received Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	<b>ISA/AU</b>
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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# PATENT COOPERATION TR.

PCT

**NOTIFICATION OF ELECTION**

## From the INTERNATIONAL BUREAU

To:

Commissioner  
US Department of Commerce  
United States Patent and Trademark  
Office, PCT  
2011 South Clark Place Room  
CP2/5C24  
Arlington, VA 22202  
ETATS-UNIS D'AMERIQUE

Date of mailing (day/month/year)	ETATS-UNIS D'AMERIQUE in its capacity as elected Office
01 March 2001 (01.03.01)	
International application No.	Applicant's or agent's file reference
PCT/AU00/00844	2314754/MJC
International filing date (day/month/year)	Priority date (day/month/year)
13 July 2000 (13.07.00)	14 July 1999 (14.07.99)
<b>Applicant</b>	
CAREY, Michelle, Jocelyn et al	

- 1. The designated Office is hereby notified of its election made:**

in the demand filed with the International Preliminary Examining Authority on:

25 January 2001 (25.01.01)

in a notice effecting later election filed with the International Bureau on:

2. The election  was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

<p><b>The International Bureau of WIPO</b>  <b>34, chemin des Colombettes</b>  <b>1211 Geneva 20, Switzerland</b></p> <p>Facsimile No.: (41-22) 740.14.35</p>	<p><b>Authorized officer</b></p> <p><b>F. Baechler</b></p> <p>Telephone No.: (41-22) 338.83.38</p>
---	--

## ATENT COOPERATION TRADING PTY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

CAINE, Michael, James  
 Davies Collison Cave  
 1 Little Collins Street  
 Melbourne, VIC 3000  
 AUSTRALIA

Date of mailing (day/month/year)  
 11 January 2001 (11.01.01)

Applicant's or agent's file reference  
 2314754/MJC

## IMPORTANT NOTIFICATION

International application No.  
 PCT/AU00/00844

International filing date (day/month/year)  
 13 July 2000 (13.07.00)

1. The following indications appeared on record concerning:

the applicant     the inventor     the agent     the common representative

Name and Address

State of Nationality

State of Residence

Telephone No.

Facsimile No.

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

the person     the name     the address     the nationality     the residence

Name and Address

ORICA AUSTRALIA PTY LIMITED  
 CAREY, Michelle, Jocelyn  
 CARR, Matthew, William  
 HOULIHAN, Patrick, William  
 LEARY, Bruce  
 SUCH, Christopher, Henry  
 WEERASILNGHE, Thamala, C.

State of Nationality

State of Residence

Telephone No.

Facsimile No.

Teleprinter No.

3. Further observations, if necessary:

The order in which the applicants appear on the request Form has been changed as indicated above.

4. A copy of this notification has been sent to:

the receiving Office

the designated Offices concerned

the International Searching Authority

the elected Offices concerned

the International Preliminary Examining Authority

other:

The International Bureau of WIPO  
 34, chemin des Colombettes  
 1211 Geneva 20, Switzerland

Authorized officer

N. Lindner

Facsimile No.: (41-22) 740.14.35

Telephone No.: (41-22) 338.83.38